

*ABSTRACT AMENDMENTS*

Replace the Abstract with:

A substrate having a film to be etched is held on a rotating stage. While rotating the substrate, a chemical solution containing an etchant is supplied onto the substrate from a nozzle. A lamp house ~~is descended~~ with a drive unit is positioned so that the distance between the substrate and a glass window of the lamp house becomes 2 to 5 mm, the lamp house accommodating a lamp generating ultraviolet light. The ultraviolet light ~~is radiated onto~~ irradiates the film through the chemical solution. ~~Radiation of the~~ The ultraviolet light ~~is performed at~~ has a higher energy than the binding energy of constituent molecules of the film.